

MISSOURI MONTHLY VITAL STATISTICS

Provisional Statistics

From The



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Focus. . . 2000 Vital Statistics

After several years of stagnation, Missouri's infant death rate reached a record low in 2000 of 7.2 per 1,000 live births. The previous low rate of 7.4 occurred in 1995, while the 1999 rate was 7.7. The decrease primarily reflected a 22 percent decrease among African-Americans from 19.0 per 1,000 live births in 1999 to 14.8 in 2000. The white infant death rate increased slightly from 5.8 in 1999 to 5.9 in 2000.

Geographically the largest infant mortality rate decreases occurred in St. Louis City and County and in Kansas City. There was no change in rates in areas outside these locations.

One of the primary reasons for the infant mortality decrease was a reduction in low birth weight (less than five pounds eight ounces). The low birth weight rate decreased from 7.8 percent in 1999 to 7.6 percent in 2000. For African-American births it decreased from 13.8 to 13.3 percent while it decreased from 6.7 to 6.6 percent for white births.

Other positive trends on maternal and child health indicators are continuing decreases in inadequate prenatal care (10.5 to 10.4 percent) and teen births (13.5 to 13.1 percent). The inadequate prenatal care rate is a record low and teen births dropped below 10,000 births for the first time since 1987. Births to early teens (mother less than 18 years of age) are at their lowest level in over 20 years.

Other maternal and child health indicators show the following:

- Out-of-wedlock births increased from 34.2 percent in 1999 to 34.6 percent in 2000, a record high.
- The rate of smoking during pregnancy stayed the same in 1999 and 2000, 18.3 percent of live births.

- The rate of short birth spacing (less than 18 months) decreased slightly from 10.8 to 10.7 percent of second and higher order births.
- Births to mothers on Medicaid or Food Stamps increased in 2000 while births to mothers on WIC decreased.
- Total live births increased by 1.3 percent in 2000 from 75,366 to 76,329. This represents the highest birth count since 1991.
- Abortions decreased by 2.4 percent in 2000 from 12,600 to 12,292, the lowest abortion number in a quarter century.

Missouri resident deaths decreased by 2 percent in 2000 from 55,732 in 1999 to 54,602. The four leading causes of death (heart disease, cancer, stroke and chronic lower respiratory disease) all decreased in 2000. The fifth leading cause, unintentional injuries, increased slightly from 2,303 deaths in 1999 to 2,330 in 2000. All of this increase resulted from a 5 percent increase in motor vehicle crash deaths from 1,074 in 1999 to 1,127 in 2000.

Pneumonia and influenza deaths and diabetes deaths decreased in 2000 while deaths due to Alzheimer's Disease increased by 24 percent from 920 to 1,144. AIDS deaths increased by 14 percent from 148 to 169.

Life expectancy for Missourians born in 2000 was 76.3 years. Male life expectancy in 2000 was 73.5 years compared to female life expectancy of 79.0 years, a difference of 5.5 years. In 1990, the difference was 7.2 years as males had a life expectancy of 71.7 years and females 78.9 years. The gap between male and female life expectancy has narrowed partly because of an increase in smoking related disease among females and a corresponding decrease among males.

(continued on next page)

Table 1
Vital Statistics for Missouri: 1990, 1999 and Provisional 2000

	<i>Numbers</i>			<i>Rates per 1,000 Pop.</i>		
	<i>1990</i>	<i>1999</i>	<i>2000 (Prov)</i>	<i>1990</i>	<i>1999</i>	<i>2000 (Prov)</i>
Births	79,135	75,366	76,329	15.5	13.6	13.6
Deaths	50,212	55,732	54,602	9.8	10.0	9.8
Natural Increase	28,923	19,634	21,727	5.7	3.5	3.9
Marriages	49,063	44,369	43,667	9.6	8.0	7.8
Divorces	25,701	24,583	24,980	5.0	4.4	4.5
Infant Deaths	746	581	547	9.4*	7.7*	7.2*
Abortions	17,947	12,600	12,292	226.8*	167.2*	161.0*
Population (1000s)	5,117	5,547	5,595			

Table 2
Resident Infant Deaths and Rates per 1,000 Live Births
by Race of Mother by Selected Areas:
Missouri 1997, 1998, 1999, and Provisional 2000

	<i>Total</i>				<i>White</i>				<i>Black</i>			
	<i>1997</i>	<i>1998</i>	<i>1999</i>	<i>2000 (Prov)</i>	<i>1997</i>	<i>1998</i>	<i>1999</i>	<i>2000 (Prov)</i>	<i>1997</i>	<i>1998</i>	<i>1999</i>	<i>2000 (Prov)</i>
<u>INFANT DEATHS</u>												
St. Louis City.....	82	73	87	69	17	12	6	14	63	61	81	55
St. Louis County.....	112	107	97	91	58	56	34	38	50	50	61	49
Kansas City.....	62	62	65	53	24	24	31	23	37	38	34	29
Rest of State.....	306	331	332	4	274	286	290	294	29	41	37	36
Missouri Total.....	562	573	581	547	373	378	361	369	179	190	213	169
INFANT DEATH RATES												
St. Louis City.....	14.3	13.1	15.8	12.8	9.0	6.4	3.2	7.6	17.1	17.1	23.2	16.2
St. Louis County.....	8.7	8.3	7.7	7.1	6.1	6.1	3.9	4.3	16.2	15.3	18.6	14.3
Kansas City.....	8.9	8.6	8.9	7.3	5.7	5.6	7.1	5.4	14.9	14.5	13.0	11.0
Rest of State.....	6.3	6.7	6.6	6.6	6.0	6.1	6.1	6.2	16.8	21.2	20.0	18.4
Missouri Total.....	7.6	7.6	7.7	7.2	6.1	6.1	5.8	5.9	16.3	16.7	19.0	14.8

Table 3
Trends in Maternal and Child Health Statistics: Missouri 1990, 1999 and Provisional 2000

	<i>Numbers</i>			<i>Rates</i>		
	1990	1999	2000 (Prov.)	1990	1999	2000 (Prov.)
Infant Deaths	746	581	547	9.4	7.7	7.2
White	493	361	369	7.2	5.8	5.9
Black	244	213	169	18.2	19.0	14.8
Low Birth Weight	5,630	5,844	5,798	7.1	7.8	7.6
White	3,752	4,167	4,119	5.8	6.7	6.6
Black	1,805	1,548	1,517	13.3	13.8	13.3
Inadequate Prenatal Care	13,847	7,676	7,639	17.5	10.5	10.4
White	8,394	5,015	5,156	13.3	8.2	8.4
Black	4,877	2,380	2,179	37.9	22.6	21.0
Birth Spacing<18 mos.	6,303	4,558	4,643	13.8	10.8	10.7
Out-of-Wedlock Births	22,597	25,729	26,404	28.6	34.2	34.6
Teen (10-19) Births	11,418	10,154	9,978	13.8	13.5	13.1
Early Teen (10-17) Births	4,141	3,386	3,333	5.2	4.5	4.4
Smoking During Pregnancy	19,540	13,766	13,955	24.7	18.3	18.3
Medicaid Births	22,906	29,161	30,029	29.9	40.2	40.8
WIC Births	26,440	29,312	29,205	34.5	40.4	39.7
Food Stamps Births	15,524	11,679	12,004	20.3	16.1	16.9
Live Births	79,135	75,366	76,329			

Table 4
Leading Causes of Death with Rates: Missouri Residents 1990, 1999 and Provisional 2000

	<i>Numbers</i>			<i>Rates per 100,000 Pop.</i>		
	1990	1999	2000 (Prov)	1990	1999	2000 (Prov)
<u>Leading Causes of Death</u>						
Heart	17,724	17,954	17,384	346.4	323.7	310.7
Cancer	11,613	12,177	12,127	226.9	219.5	216.7
Lung Cancer	3,459	3,632	3,748	67.6	65.5	67.0
Stroke	3,470	4,018	3,855	67.8	72.4	68.9
Chronic Pulmonary Disease .	2,109	3,063	2,804	41.2	55.2	50.1
Unintentional Injury	2,045	2,303	2,330	40.0	41.5	41.6
Motor Vehicle	1,071	1,074	1,127	20.9	19.4	20.1
Other	974	1,229	1,203	19.0	22.2	21.5
Pneumonia & Influenza	2,056	1,678	1,498	40.2	30.3	26.8
Diabetes	1,077	1,553	1,457	21.0	28.0	26.1
Alzheimer's Disease	267	920	1,144	5.2	16.6	20.4
Nephritis & Nephrosis	509	915	959	9.9	16.5	17.1
Suicide	714	698	697	14.0	12.6	12.5
Septicemia	378	623	617	7.4	11.2	11.0
Homicide	472	382	391	9.2	6.9	7.0
AIDS	302	148	169	5.9	2.7	3.0
Maternal Deaths	6	12	10	7.6**	15.9**	13.1**

*Per 1,000 live births

** Per 100,000 live births

Note: International Classification of Diseases-10th Revision (ICD-10) began in 1999, thereby affecting many causes of death.

Provisional Vital Statistics for March 2001

Live births decreased in March as 6,342 Missouri babies were born compared with 6,687 in March 2000. However, cumulative births, show increases for the 3- and 12- month periods ending with March. For the first quarter of the year, births increased by 2.4 percent from 76,708 to 77,317.

Deaths increased in March as 5,042 Missourians died compared with 4,735 one year earlier. Deaths are also higher for the first quarter of the year, but down for the 12 months ending with March.

The Natural increase in March was 1,300 (6,342 births minus

5,042 deaths). For the 12 months ending with March the natural increase rose from 21,461 to 22,910.

Marriages decreased for all three time periods shown below.

Dissolutions of marriage also decreased for all three time periods. The marriage to divorce ratio decreased from 1.76 to 1.69 for the 12 months ending with March.

Infant deaths increased in March and in the first quarter, but decreased for the 12 months ending with March. The infant death rate decreased from 7.9 to 7.4 per 1,000 live births for the latter time period.

PROVISIONAL VITAL STATISTICS FOR MARCH 2001

Item	March				Jan.-Mar. cumulative				12 months ending with March				
	Number		Rate*		Number		Rate*		Number		Rate*		
	2000	2001	2000	2001	2000	2001	2000	2001	2000	2001	1999	2000	2001
Live Births	6,687	6,342	14.6	14.1	19,148	19,616	13.8	14.4	76,708	77,317	13.7	13.8	13.8
Deaths	4,735	5,042	10.4	11.2	15,712	15,945	11.3	11.7	55,247	54,407	9.6	9.9	9.7
Natural increase...	1,952	1,300	4.3	2.9	3,436	3,671	2.5	2.7	21,461	22,910	4.0	3.9	4.1
Marriages	2,987	2,689	6.5	6.0	8,055	7,585	5.8	5.6	45,438	43,255	7.9	8.2	7.7
Dissolutions	2,493	2,289	5.5	5.1	6,999	6,080	5.0	4.5	25,838	25,545	4.6	4.6	4.6
Infant deaths	55	58	8.2	9.1	151	180	7.9	9.2	605	570	7.5	7.9	7.4
Population base (in thousands)	...	...	5,595	5,642	...	...	5,595	5,642	...	...	5,511	5,559	5,595

* Rates for live births, deaths, natural increase, marriages and dissolutions are computed on the number per 1000 estimated population. The infant death rate is based on the number of infant deaths per 1000 live births. Rates are adjusted to account for varying lengths of monthly reporting periods.

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